

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE  
(Other instruction  
reverse side)

Form 3100-5, Bureau No. 100-1  
Revised August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

NM-0025120

4. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

P.O. Box 460 - Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

Unit R

1650/8 + E

14. PERMIT NO.

30-02506501

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hawk B-3

9. WELL NO.

#9

10. FIELD AND POOL, OR WILDCAT

Tubb Gas

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 3, T21S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☒  
☐

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)

See attached Recommended Procedure to  
P&A the above mentioned well.

NOTIFY BLM PRIOR TO COMMENCING P&A.

18. I hereby certify that the foregoing is true and correct

SIGNED

W.W. Baker

W.W. Baker

TITLE

Administrative Sup'v.

DATE

1/19/90

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

PETROLEUM ENGINEER

DATE

2-6-90

\*See Instructions on Reverse Side

HAWK B-3 NO. 9  
PLUG AND ABANDON

Hawk B-3 No. 9  
Plug and Abandon  
Page 2

Location: 1650' FSL & 1650' FEL, Sec. 3, T-21S, R-37E  
Lea County, NM

Elevation: 3435' DF (12' AGL)

Completion:  
Tub TD: 8070' BPTD: 7515'  
Perfs: 6220'-6245', 6280'-6345' w/2 JSPF.

Guiberson L-30 Hook Wall retrievable packer with 5-1/2" x 2-1/2" Holddown set @ 6204' (compression set)...

Casing/Tubing Specifications:

| O.D.<br>(in) | Weight<br>(lbs/ft) | Grade | Depth<br>(ft) | Drift<br>(in) | Collapse<br>(psi) | Burst<br>(psi) | Capacity<br>(bbl/ft) | Capacity<br>(ft <sup>3</sup> /ft) |
|--------------|--------------------|-------|---------------|---------------|-------------------|----------------|----------------------|-----------------------------------|
| 10-3/4"      | 32.75              | H-40  | 266           | 10.036        | 880               | 1,820          | .1009                | .5665                             |
| 7-5/8"       | 26.4               | J-55  | 25            | 6.844         | 2,890             | 4,140          | .0471                | .2648                             |
| 7-5/8"       | 26.4               | N-80  | 3154          | 6.844         | 3,400             | 6,020          | .0471                | .2648                             |
| 5-1/2"       | 14.0               | J-55  | 3863          | 4.887         | 3,120             | 4,270          | .0244                | .1370                             |
| 5-1/2"       | 17.0               | N-80  | 4122          | 4.767         | 6,280             | 7,740          | .0232                | .1305                             |
| 5-1/2"       | 17.0               | J-55  | 5530          | 4.767         | 4,910             | 5,320          | .0232                | .1305                             |
| 5-1/2"       | 15.50              | J-55  | 8069          | 4.825         | 4,040             | 4,810          | .0238                | .1336                             |
| 2-7/8"       | 6.5                | N-80  |               | 2.347         | 11,160            | 10,570         | .00579               | .03250                            |

10-3/4" casing set @ 266' with 250 sx cement circulated to surface.  
7-5/8" casing set @ 3154' with 1335 sx cement circulated to surface.  
5-1/2" casing set @ 8069' with 680 sx cement. TOC @ 3098' by temperature survey.  
Use safety factor of 70% for collapse and burst pressures.  
Assume 2-7/8" workstring will be used.

Notes: 1. Cement slurry used in this procedure shall be Class "H" neat mixed @ 15.7 ppg and Class "C" neat mixed @ 14.8 ppg.  
2. All mud shall be 10 ppg with 25 lbs gel/bbl brine.  
3. Call Kandy Lawson to notify BLM prior to commencing any work.

Recommended Procedure:

1. Prepare well for P&A:
  - A. MRU. Pump 70 bbls 10 ppg mud to kill well and load hole from 6345' to 7515'. ND wellhead and NU BOP.
  - B. Jar up to release packer. If needed, pull 30,000 lbs above tubing weight and let set overnight. If this fails, RU wireline services and cut production tubing off at packer.
  - C. TOOH and lay down 2-7/8" production tubing.

D. PU and TIH w/4-3/4" bit. 5-1/2" casing scraper. and 2-7/8" workstring to 6200'. POOH.

2. Pump cement across Tubb zone from 6055' to 6345':

- A. MRU cement services.
- B. GIH w/5-1/2" cement retainer, setting tool, and WS. Set retainer @ 6160'.

1. Test tubing to 1000 psi.
2. Sting out of retainer and circulate hole with 150 bbls mud. Test casing to 500 psi.
3. Sting back into retainer and pressure annulus to 500 psi. Establish pump in rate.

C. Pump 50 sx Class "H" cement to fill up 5-1/2" casing from 6160' to 6345' and squeeze off Tubb perfs. Maximum surface pressure is 1000 psi.

D. Sting out of retainer and spot 12 sx Class "H" cement on top of cement retainer from 6055' to 6160'. Displace with 35 bbls mud.

E. POOH laying down WS to 5784'.

3. Spot cement across top of Blinébry from 5583' to 5784':

A. Load hole with 1 bbl mud.

B. Pump 23 sx of Class "H" cement and displace with 32 bbls mud. C. POOH laying down WS to 3204'.

4. Spot cement across intermediate casing shoe from 3098' to 3204':

A. Load hole with 5 bbls mud.

B. Pump 11 sx of Class "C" cement and displace with 18 bbls mud. C. POOH laying down WS to 1490'.

5. Spot cement across top of salt from 1384' to 1490':

A. Load hole with 4 bbls mud.

B. Pump 11 sx of Class "C" cement and displace with 8 bbls mud. C. POOH laying down WS.

6. Circulate cement up intermediate casing and set surface plug:

- A. MRU wireline services.
- B. RIH with a hollow steel carrier with circulation jets loaded 2 JSPF (0° phase, .4" EHD, decentralized) and CCL.
- C. Perforate 5-1/2" production casing @ 316'. POOH.
- D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 10 bbls mud to load hole and establish circulation up 7-5/8" x 5-1/2" annulus.
- E. Pump 65 sx of Class "C" cement (8 sx excess) to fill up 7-5/8" x 5-1/2" annulus and set surface plug in 5-1/2" casing.

Note: If cement does not circulate to surface, pump 25 ex down 7-5/8" x 5-1/2" annulus. Do not exceed 1000 psi surface pressure.

- F. POOH with tubing.
- G. RD wireline and cement services.

7. Prepare surface location for abandonment:

- A. ND BOP and cut off all casing strings at the base of the cellar or 3' below the final restored ground level (whichever is deeper). RDMO pulling unit.
- B. Fill the casing strings (if necessary) from the cement plug to surface with cement.
- C. Cover the wellbore with a metal plate at least 1/4" thick, welded in place, or a cement cap extending radially at least 12" beyond the 10-3/4" casing and at least 4" thick.
- D. Erect an abandonment marker according to the following specifications:

- 1. Marker must be at least 4" diameter pipe, 10' long with 4' above restored ground level, and embedded in cement.
- 2. Marker must be capped and inscribed with the following well information:

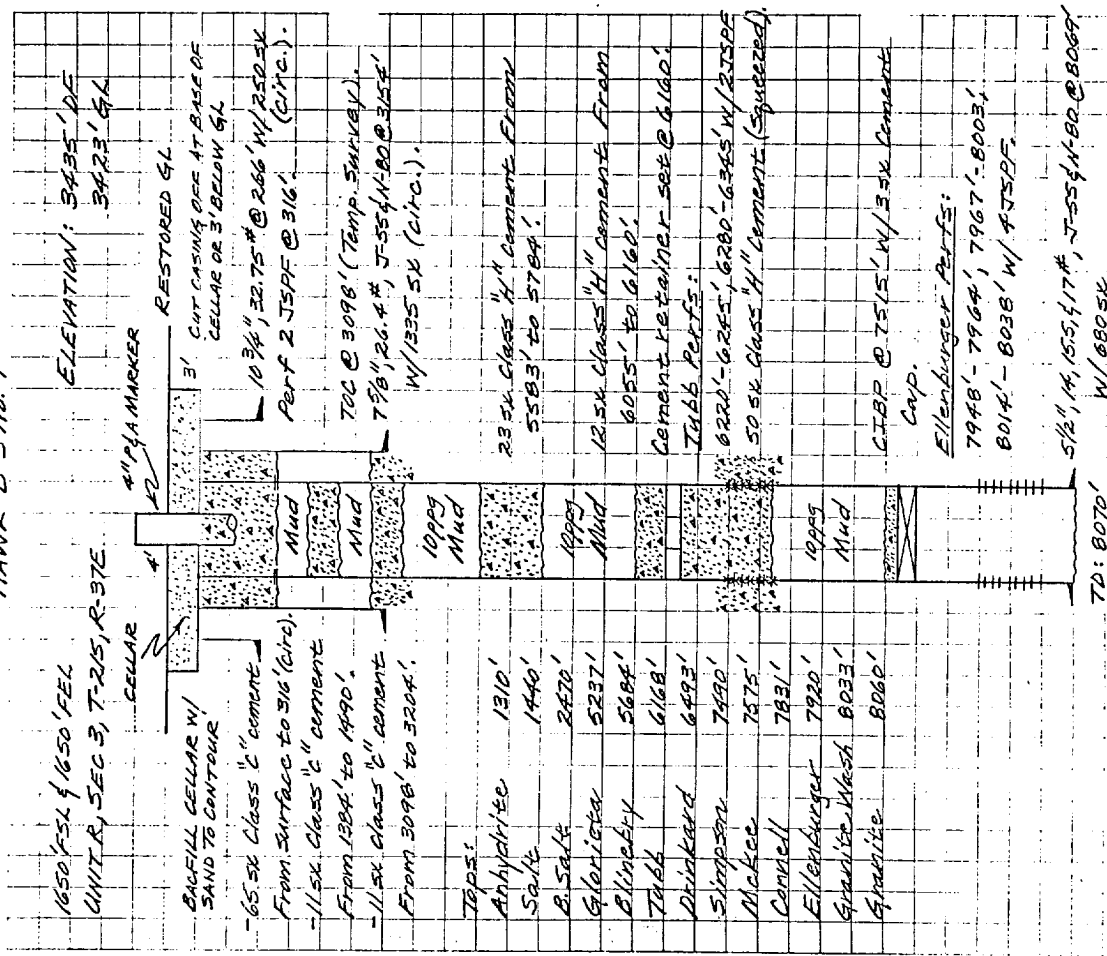
Hawk B-3 No. 9  
Unit R, Sec. 3, T-21S, R-37E  
Lea County, NM  
Date

Note: 1/4" metal plate can be welded to marker and then to the casing after the marker is set in cement.

- E. Cut off dead-man anchors below ground level and remove markers.
- F. Fill in cellar and workover pit.
- G. Remove all equipment, concrete bases, and pipe not in use.
- G. Clean and restore location to its natural state. Reseed according to BLM requirements.

- 8. Send a copy of the well service report to Kandy Lawson in the Hobbs Office so the proper forms can be filed.

Hawk B-3 No. 9



Canoco Inc.  
Culmination Point

TCA

11-22-89

Proposed P&A ~

NMFU

Lea County, NM